

AMENDMENTS TO THE CLAIMS:

1-5. (Canceled)

6. (Original) A spread multi-code communication apparatus for transmitting a plurality of transmission data by spreading said plurality of transmission data by employing different codes from each other, comprising:

a plurality of spreading units for spreading said plurality of transmission data by employing the different codes from each other to thereby output spread signals;

a synthesizing unit for synthesizing a plurality of spread signals outputted from the respective spreading units with each other to thereby output a synthesized signal;

a coefficient output unit for outputting a predetermined coefficient;

a multiplying unit for multiplying the synthesized signal outputted from said synthesizing unit by said predetermined coefficient; and

a transmitting unit for transmitting a signal outputted from said multiplying unit.

7. (Original) A spread multi-code communication apparatus as claimed in claim 6 wherein:

each of said plural transmission data contains a pilot signal and a data signal.

8. (Previously presented) A spread multi-code communication apparatus as claimed in claim 7 wherein:

said coefficient output unit outputs said predetermined coefficient at a predetermined timing, in which a value of said coefficient has been set in such a manner

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that a transmission power of said pilot signal is made substantially equal to a transmission power of said data signal.

9. (Original) A spread multi-code communication apparatus as claimed in claim 8 wherein:

said coefficient output unit outputs said coefficient to said multiplying unit when said pilot signal is outputted as said synthesized signal from said synthesizing unit.

10. (Original) A spread multi-code communication apparatus as claimed in claim 6 wherein:

at least one of said plural transmission data contains digital data for a data communication purpose, and at least one of said plural transmission data contains voice data for a voice communication purpose.

11. (Original) A spread multi-code communication apparatus as claimed in claim 6 wherein:

said plurality of transmission data are produced by subdividing a series of transmission data into plural transmission data.

12. (Previously presented) A Code Division Multiple Access (CDMA) communication apparatus in which, with respect to a plurality of transmission data, each having a data signal and a pilot signal, said pilot signal is spread by way of a first spreading code which is commonly used to the respective transmission data, said data signal is spread by way of

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second spreading codes which are different from each other as to the respective transmission data, and all of the spread transmission data are added to each other, whereby the added transmission data is transmitted, comprising:

a transmission power control unit for controlling a transmission power of said transmission data in such a manner that a transmission power of said pilot signal is made substantially equal to a transmission power of said data signal; and

a transmission unit for transmitting said transmission data by the transmission power controlled by said transmission power control unit.

13. (Original) A CDMA communication apparatus as claimed in claim 12 wherein:

said transmission power control unit includes an adjusting unit for adjusting at least one of said transmission power of said pilot signal and said transmission power of said data signal.

14. (Original) A CDMA communication apparatus as claimed in claim 13 wherein:

said adjusting unit attenuates the transmission power of said pilot signal so as to make the transmission power of said pilot signal substantially coincident with the transmission power of said data signal.

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15. (Previously presented) A CDMA communication apparatus as claimed in claim 14 wherein:

said adjusting unit multiplies a value equal to the transmission power of said pilot signal by a predetermined coefficient so as to attenuate said transmission power of said pilot signal.

16. (Original) A CDMA communication apparatus as claimed in claim 15 wherein:

said adjusting unit sets a value of said coefficient in accordance with the number of said plural transmission data.

17. (Original) A CDMA communication apparatus as claimed in claim 16 wherein:

in the case that said plurality of transmission data are "N" pieces of transmission data in which the "N" indicates an integer, said adjusting unit sets the value of said coefficient value to $1/\sqrt{N}$.

18. (Original) A CDMA communication apparatus as claimed in claim 12 wherein:

a spreading code for spreading at least one data signal among said second spreading codes is made coincident with said first spreading code for spreading the pilot signal.

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21. (Previously presented) A spread multi-code communication method for transmitting a plurality of transmission data by spreading said plurality of transmission data by employing different codes from each other, said method comprising:

spreading said plurality of transmission data by employing the different codes from each other to thereby output spread signals;

synthesizing said plurality of spread signals with each other to thereby output a synthesized signal;

outputting a predetermined coefficient;

multiplying the synthesized signal by said predetermined coefficient; and

transmitting a signal outputted from said multiplying unit.

22. (Original) A spread multi-code communication method as claimed in claim 21 wherein:

each of said plural transmission data contains a pilot signal and a data signal.

23. (Previously presented) A spread multi-code communication method as claimed in claim 21 wherein:

a value of said coefficient is set in such a manner that a transmission power of said pilot signal is made substantially equal to a transmission power of said data signal.

24. (Original) A spread multi-code communication method as claimed in claim 23 wherein:

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said synthesized signal is multiplied by said coefficient at a timing when said synthesized signal is equal to said pilot signal.

25. (Previously presented) A Code Division Multiple Access (CDMA) communication method in which, with respect to a plurality of transmission data, each having a data signal and a pilot signal, said pilot signal is spread by way of a first spreading code which is commonly used to the respective transmission data, said data signal is spread by way of second spreading codes which are different from each other as to the respective transmission data, and all of the spread transmission data are added to each other, whereby the added transmission data is transmitted, said method comprising:

controlling a transmission power of said transmission data in such a manner that a transmission power of said pilot signal is made substantially equal to a transmission power of said data signal; and

transmitting said transmission data by a transmission power controlled by using a transmission power control unit.

26. (Original) A CDMA communication method as claimed in claim 25 wherein:

at least one of said transmission power of said pilot signal and said transmission power of said data signal is adjusted.

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27. (Original) A CDMA communication method as claimed in claim 26 wherein:

the transmission power of said pilot signal is attenuated so as to make the transmission power of said pilot signal substantially coincident with the transmission power of said data signal.

28. (Original) A CDMA communication method as claimed in claim 27 wherein:

a value equal to the transmission power of said pilot signal is multiplied by a predetermined coefficient so as to attenuate said transmission power of this pilot signal.

29. (Original) A CDMA communication method as claimed in claim 28 wherein:

a value of said coefficient is set in accordance with the number of said plural transmission data.

30. (Original) A CDMA communication method as claimed in claim 29 wherein:

in the case that said plurality of transmission data are "N" pieces of transmission data in which the "N" indicates an integer, the value of said coefficient value to $1/\sqrt{N}$ is set.

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